

PRODUCT DATA SHEET

Sika® Ucrete® TCCS

Heavy-duty, colour-stable, encapsulation resin for enhanced aesthetics

DESCRIPTION

Sika® Ucrete® TCCS is a three-part, heavy-duty, fast-cure encapsulation resin. It provides a highly aesthetic, colour-stable, matt sheen finish for the Sika® Ucrete® CS range of flooring systems.

USES

Sika® Ucrete® TCCS is used as a top coat for Sika® Ucrete® flooring systems.

Please note:

- The Product may only be used by experienced professionals.

FEATURES

- Very good resistance to staining from a specific range of chemicals and food industry products
- Very good resistance to UV exposure
- Good yellowing resistance provides long-term colour stability
- Fast curing
- Non-tainting after curing
- Good temperature resistance

CERTIFICATES AND TEST REPORTS

- Halal Certification Europe (HCE), Sika® Ucrete®, WHFC, Certificate No. 21453-2/1/1/Y1
- Food and Beverage Facilities Suitability, Sika® Ucrete®, HACCP, Test Report No. I-PE-769-SA-2-RG-06b
- Indoor Air Comfort Gold EN 16516, Sika® Ucrete®, eurofins, Certificate No. IACG-321-01-01-2023

PRODUCT INFORMATION

Composition	Acrylic	
Packaging	7.35 kg Refer to the current price list for available packaging variations.	
Colour	Cured colour	Grey, Light Grey, Cream, Yellow, Bright Yellow, Green, Light Green, Green/ Brown, Red, Orange, Blue, Light Blue.
Shelf life	Always refer to the best-before date of the individual packaging.	
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to the packaging.	

TECHNICAL INFORMATION

Tensile adhesion strength	> 2.0 N/mm ² (concrete failure)	(EN 1542)
Chemical resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.	

APPLICATION INFORMATION

Consumption	System	Consumption	Area
	Sika® Ucrete® CS10	0.4–0.6 kg/m²	12–18 m² per unit
	Sika® Ucrete® CS10 AS	0.4–0.6 kg/m²	12–18 m² per unit
	Sika® Ucrete® CS20	0.7–0.9 kg/m²	8–10 m² per unit
	Slip resistance R13		
	Sika® Ucrete® CS20	1.0–1.2 kg/m²	6–7 m² per unit
	Slip resistance R12		
	Sika® Ucrete® CS20 AS	0.7–0.9 kg/m²	8–10 m² per unit
	Sika® Ucrete® CS30	1.0–1.2 kg/m²	6–7 m² per unit
Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.			
Material temperature	Maximum	+22 °C	
	Minimum	+12 °C	
Ambient air temperature	Maximum	+22 °C	
	Minimum	+12 °C	
Dew point	Beware of condensation. The substrate and uncured applied product must be at least +3 °C above the dew point to reduce the risk of condensation or blooming on the surface of the applied product. Low temperatures and high humidity conditions increase the probability of blooming.		
Substrate temperature	Maximum	+22 °C	
	Minimum	+10 °C	
Curing time	The floor can be returned to service after 2 hours. Note: Times are approximate and will be affected by changing ambient and substrate conditions.		
Waiting time to overcoating	Minimum	2–3 hours	
	Maximum	48 hours	
Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.			

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTATION

Sika® Ucrete® Application Manual

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

APPLICATION

Application must be undertaken by a fully trained and licensed Sika® Ucrete® applicator, as per recommendations stated in Sika® Ucrete® Application Manual (refer to related system application).

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 9001, 14001, 45001 – SGS:
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- Sika Saudi Arabia Limited
- Sika MB Construction Chemicals LLC
- Sika Construction Chemicals for Manufacturing LLC
- Sika MB LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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